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Re: 3d (interior)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

SUBJECT: Review of the Novak Sanitary Landfill
Superfund Site RI and FS

DATE: MAR 26 1993

FROM: Joseph W. Kunz, Chief *Joseph W. Kunz*
Planning & Technical Support Section (3AT11)

TO: Patrick R. Anderson, Chief
Southeastern Pennsylvania Section (3HW21)

In response to a recent request from Cesar Lee, Remedial Project Manager, we have reviewed the Remedial Investigation Report and the Feasibility Study for the Novak Sanitary Landfill Superfund Site. The Remedial Investigation Report is acceptable from an air pollution perspective. However, we offer the following recommendations to improve the preferred alternative, Alternative 4, chosen in the Feasibility Study.

Alternative 4 includes Remedial Measure LFG-3 instead of LFG-5 to treat the landfill gas. LFG-3 consists of a site-wide passive landfill gas venting system. The passive trench/pipe vents system would be combined with a gas collection layer over the waste for site-wide venting of landfill gas and discharge to the atmosphere. The cost of implementing LFG-3 is estimated to be \$1,128,782 without Operation and Maintenance costs. LFG-5 utilizes active gas collection process options to collect and extract landfill gas and a flare treatment system to treat gas collected from the vapor extraction system. The cost of implementing LFG-5 is estimated to be \$878,807 including Operation and Maintenance costs.

Since LFG-5 actually treats the gaseous compounds, is more protective of the environment and ambient air, and is less expensive to implement, we recommend that LFG-5 be included in the preferred Remedial Alternative in place of LFG-3.

If you have any further questions or concerns, please contact Patricia Flores, Air/Superfund Coordinator at x9134.

cc: P. Flores (3AT11)
C. Lee (3HW21)
D. Jacobe (3AT11)

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